



BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type : LÁMPARA MAGNÉTICA
Product No. : PMS-18WU18-N-270
Manufacturer : BLED

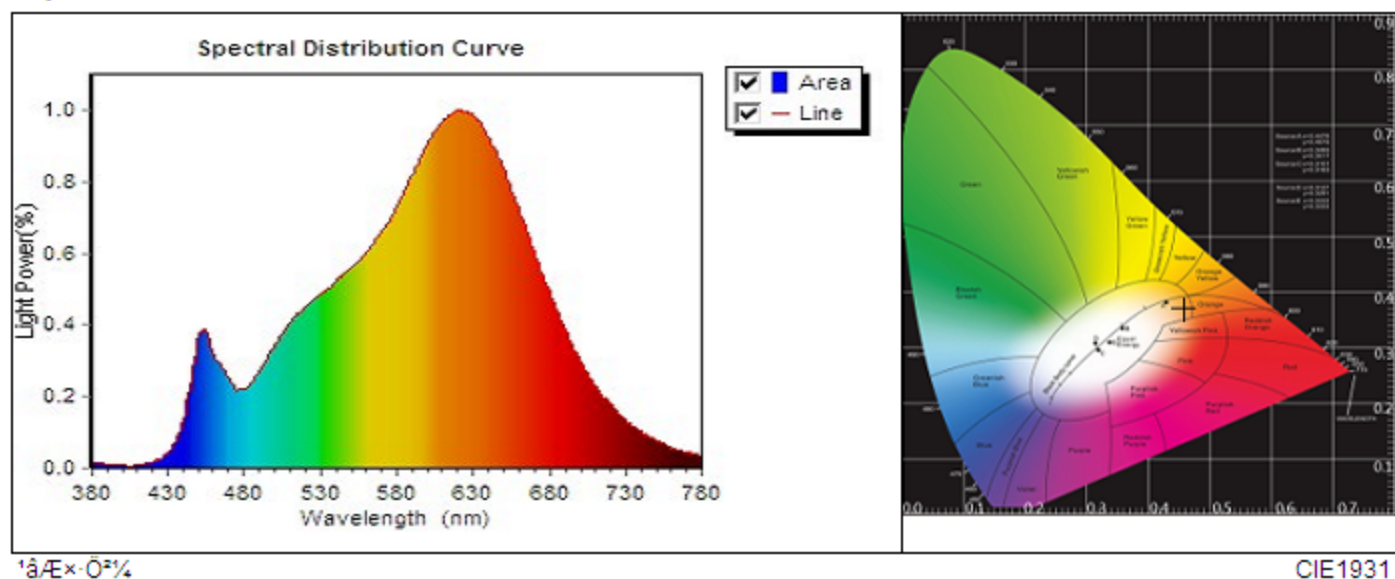
Test date. : 2025-03-12
Test equipment : SPEC2000A Spectrometer
Operator. : SERGI

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 54973 (83.9%)
Integral time. : 248ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.4514$ $y=0.4063$ $u=0.2590$ $v=0.3496$ ($duv=-0.0009$)
Color temperature: $TC=2788$ K Color difference: $SDCM=6.3$ Main Wavelength: $\lambda_d=492.94$ nm Purity: $Purity=0.009$
Peak wavelength: $\lambda_p=621.0$ nm FWHM: $\Delta\lambda_p=145.0$ nm Color ratio: $R=27.81\%$ $G=69.68\%$ $B=2.51\%$

Color rendering index (Ra): $Ra=94.2$

$R1=95.4$ $R2=98.9$ $R3=98.0$ $R4=95.2$ $R5=95.8$ $R6=96.9$ $R7=91.0$ $R8=82.1$
 $R9=62.1$ $R10=97.0$ $R11=97.5$ $R12=87.1$ $R13=97.2$ $R14=99.7$ $R15=90.5$

Optical Parameter

Luminous flux: 1442.887 lm luminous efficiency: 70.04 lm/w Radiant flux: 5.0729 W

Electrical Parameter

Voltage: 230.0 V Current: 0.161 A Watts: 20.60 W Power factor: 0.557

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>